

10/804, 847

1449

Sheet 1 of 1

PTO-149 REPRODUCED	ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004
January 31, 2005 (Use several sheets if necessary)	EXAMINER Not Assigned	CONFIRMATION NO. 7500
		GROUP 1724

~~SEARCHED~~ U.S. PUBLISHED APPLICATIONS

EXAMINER 	DATE CONSIDERED 09/17/2006
---	-------------------------------

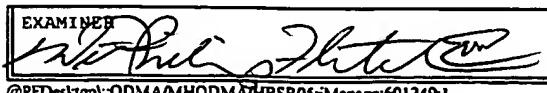
10/804,847

1449

Sheet 1 of 1

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b> <b>JAN 30 2006</b> <i>January 26, 2006</i> <small>(Use several sheets if necessary)</small>		FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004	
		EXAMINER Not yet assigned	CONFIRMATION NO. 7500	GROUP 1724

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
WPF	A1	4,699,637	10-13-1987	Iniotakis, et al.
WPF	A2	US 2005/0072304 A1	04-07-2005	Etievant, et al.
	A3			
	A4			
	A5			
	A6			
	A7			
	A8			
	A9			
	A10			
	A11			
	A12			
	A13			
	A14			
	A15			
	A16			
	A17			
	A18			
	A19			
	A20			
	A21			
	A22			
	A23			
	A24			
	A25			

EXAMINER 	DATE CONSIDERED 09/17/2006
---	-------------------------------

10/804,847

1449

Sheet 1 of 1

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION August 9, 2006 (Use several sheets if necessary)		FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004
		EXAMINER Frank M. Lawrence, Jr.	CONFIRMATION NO. 7500
			GROUP 1724

*O I P E*  
AUG 11 2006  
USPTO  
Use several sheets if necessary

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
WPF	A3	4,857,080	08/15/1989	Baker, et al.
	A4	6,309,546 B1	10/30/2001	Hermann, et al.
	A5	6,916,454 B2	07/12/2005	Alvin
	A6	6,730,145 B1	05/04/2004	Li
	A7	6,964,697 B2	11/15/2005	Pan, et al.
	A8	7,018,446 B2	03/28/2006	Alvin, et al.
	A9	US 2003/0183080 A1	10/02/2003	Mundschau
	A10	US 2003/0213365 A1	11/20/2003	Jantsch, et al.
✓	A11	US 2004/0037962 A1	02/26/2004	Uemura, et al.

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
WPF	B1	WO 99/33545 A1	07/08/1999	Lee, et al.	
	B2	WO 2005/075060 A1	08/18/2005	Bossard, et al.	
	B3	JP 05-123548	05/21/1993	Mitsubishi Heavy Ind. Ltd.	X
✓	B4	JP 10-028850 A	02/03/1998	Nonobe, et al.	X

EXAMINER <i>Frank M. Lawrence</i>	DATE CONSIDERED 09/17/2006
--------------------------------------	-------------------------------

10/804, 847

1449

Sheet 1 of 4

PTO-1449 REPRODUCED O I P E J C 6 INFORMATION DISCLOSURE CITATION IN AN APPLICATION NOV 05 2004 PATENT & TRADEMARK OFFICE (Use several sheets if necessary)			ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
			FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004
			EXAMINER N/A	CONFIRMATION NO. 7500
				GROUP 1724

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
WPF	AA	2,958,391	11-01-1960	deRosset
	AB	3,241,298	03-22-1966	Pierce
	AC	3,413,777	12-03-1968	Langley, <i>et al.</i>
	AD	3,428,476	02-18-1969	Langley, <i>et al.</i>
	AE	3,717,525	02-20-1973	Bültemann
	AF	4,496,373	01-29-1985	Behr, <i>et al.</i>
	AG	4,589,891	05-20-1986	Iniotakis, <i>et al.</i>
	AH	4,689,150	08-25-1987	Abe, <i>et al.</i>
	AJ	5,049,167	09-17-1991	Castro, <i>et al.</i>
	AJ	5,139,541	08-18-1992	Edlund
	AK	5,205,841	04-27-1993	Vaiman
	AA2	5,215,729	06-01-1993	Buxbaum
	AB2	5,217,506	06-08-1993	Edlund, <i>et al.</i>
	AC2	5,258,339	11-02-1993	Ma, <i>et al.</i>
	AD2	5,259,870	11-09-1993	Edlund
	AE2	5,358,553	10-25-1994	Najjar, <i>et al.</i>
	AF2	5,393,325	02-28-1995	Edlund
	AG2	5,451,386	09-19-1995	Collins, <i>et al.</i>
	AH2	5,449,848	09-12-1995	Itoh
	AJ2	5,498,278	03-12-1996	Edlund
	AJ2	5,614,001	03-25-1997	Kosaka, <i>et al.</i>
	AK2	5,652,020	07-29-1997	Collins, <i>et al.</i>
	AA3	5,672,388	09-30-1997	McHenry, <i>et al.</i>
	AB3	5,738,708	04-14-1998	Peachey, <i>et al.</i>
	AC3	5,782,959	07-21-1998	Yang, <i>et al.</i>
↓	AD3	5,782,960	06-21-1998	Ogawa, <i>et al.</i>

EXAMINER <i>Mark H. Zhitlau</i>	DATE CONSIDERED 09/17/2006
------------------------------------	-------------------------------

10/804,847

1449

Sheet 2 of 4

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> November 2, 2004 <small>(Use several sheets if necessary)</small>		FIRST NAMED INVENTOR Yi Hua Ma		FILING DATE March 19, 2004
		EXAMINER N/A	CONFIRMATION NO. 7500	GROUP 1724

*NOV 5 2004  
PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
WPF	AE3	5,895,769	04-20-1999	Lai
	AF3	5,904,754	05-18-1999	Juda, <i>et al.</i>
	AG3	6,086,729	07-11-2000	Bredesen, <i>et al.</i>
	AH3	6,152,987	11-28-2000	Ma, <i>et al.</i>
	AJ3	6,152,995	11-28-2000	Edlund
	AJ3	6,183,542	06-06-2001	Bossard
	AK3	6,267,801	07-31-2001	Baake, <i>et al.</i>
	AA4	6,372,363	06-16-2002	Krueger
	AB4	6,379,524 B1	04-30-2002	Lee, <i>et al.</i>
	AC4	6,419,728	06-12-2002	Edlund
	AD4	6,475,268	11-05-2002	Thornton
	AE4	6,547,858	04-15-2003	Edlund, <i>et al.</i>
	AF4	6,596,057	07-22-2003	Edlund, <i>et al.</i>
↓	AG4	2002/00838829 A1	07-04-2002	Edlund, <i>et al.</i>

EXAMINER <i>Yi Hua Ma</i>	DATE CONSIDERED <i>09/17/2006</i>
------------------------------	--------------------------------------

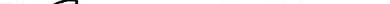
10/804,847

1449

Sheet 3 of 4

<p>PTO-1449 REPRODUCED</p> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>November 2, 2004</p> <p>(Use several sheets if necessary)</p> <p>NOV 05 2004 U.S. PATENT &amp; TRADEMARK OFFICE</p>	ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
	FIRST NAMED INVENTOR Yi Hua Ma	
	FILING DATE March 19, 2004	
	EXAMINER N/A	CONFIRMATION NO. 7500

## FOREIGN PATENT DOCUMENTS

EXAMINER 	DATE CONSIDERED 09/17/2006
---	-------------------------------

10/804, 847

1449

Sheet 4 of 4

PTO-1449 REPRODUCED <i>Office of the Commissioner of Patents and Trademarks</i> NOV 05 2004 INFORMATION DISCLOSURE CITATION IN AN APPLICATION November 2, 2004 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 1021.2006-001	APPLICATION NO. 10/804,847
		FIRST NAMED INVENTOR Yi Hua Ma	FILING DATE March 19, 2004
		EXAMINER N/A	CONFIRMATION NO. 7500
			GROUP 1724

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WPF	AR	Gryaznov, V. M., "Metal Containing Membranes for the Production of Ultrapure Hydrogen and the Recovery of Hydrogen Isotopes," <i>Separation and Purification Methods</i> (now <i>Separation and Purification Reviews</i> ), 29(2):171-187 (2000).
	AS	Gryaznov, V. M., <i>et al.</i> , "Preparation and catalysis over Palladium Composite Membranes," <i>Applied Catalysis A: General</i> , 96:15-23 (1993).
	AT	Ma, Y. H., <i>et al.</i> , "Characterization of Intermetallic Diffusion Barrier and Alloy Formation for Pd/Cu and Pd/Ag Porous Stainless Steel Composite Membranes," <i>I &amp; EC Research</i> , 43:2936-2945 (2004).
	AU	Ma, Y. H., <i>et al.</i> , "Thin Composite Palladium and Palladium/Alloy Membranes for Hydrogen Separation," <i>Ann. N.Y. Acad. Sci.</i> , 984:346 (2003).
	AV	Mardilovich, I. P., <i>et al.</i> , "Dependence of Hydrogen Flux on The Pore Size and Plating Surface Topology of Asymmetric Pd-Porous Stainless Steel Membranes," <i>Desalination</i> , 144:85-89 (2002).
	AW	Nam, S.-E., <i>et al.</i> , "Hydrogen Separation by Pd Alloy Composite Membranes," <i>J. Membrane Sci.</i> , 192:177-185 (2001).
	AX	Ozaki, T., <i>et al.</i> , "Preparation of Palladium-coated V and V-15 Ni Membranes for Hydrogen Purification by Electroless Plating Technique," <i>Int. J. Hydrogen Energy</i> , 28:297 (2003).
	AY	Roa, F., "Preparation and Characterization of Pd-Cu Composite Membranes for Hydrogen Separation," <i>Chem. Eng. J.</i> , 93:11 (2003).
	AZ	Roa, F., <i>et al.</i> , "The Influence of Alloy Composition on The H <sub>2</sub> Flux of Composite Pd-Cu Membranes," <i>Desalination</i> , 147:411-416 (2002).
✓	AR2	Shu, J., <i>et al.</i> , "Structurally Stable Pd-Ag Alloy Membranes: Introduction of a Diffusion Barrier," <i>Thin Solid Films</i> , 286:72-79 (1996).

EXAMINER <i>Mark Anthony J. DeLuce</i>	DATE CONSIDERED 09/17/2006
---	-------------------------------